

<b>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</b>	
<b>RESPONSE TO 11/16/2007 OFFICE ACTION</b>	Atty. Docket No. <b>BERR1100-1</b>
Applicants <b>Keith L. Berrier</b>	
Application Number <b>10/799,560</b>	Date Filed <b>03/11/2004</b>
Title <b>Systems and methods for reconstructing information using a Duncan and Horn formulation of the Kalman filter for regularization</b>	
Group Art Unit <b>3709</b>	Examiner <b>Patton, Amanda K.</b>
Confirmation Number: <b>7773</b>	

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated June 1, 2007, please consider the following amendments and remarks.

A listing of the claims begin on page 2.

Remarks begin on page 5.